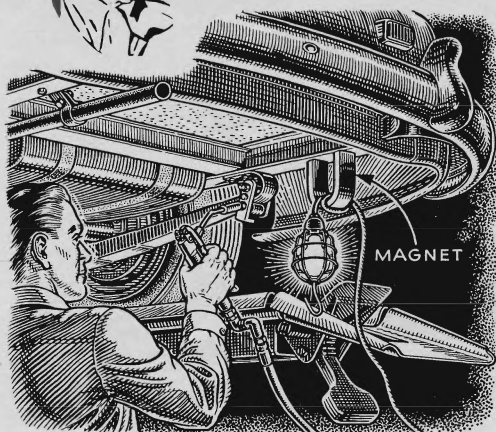
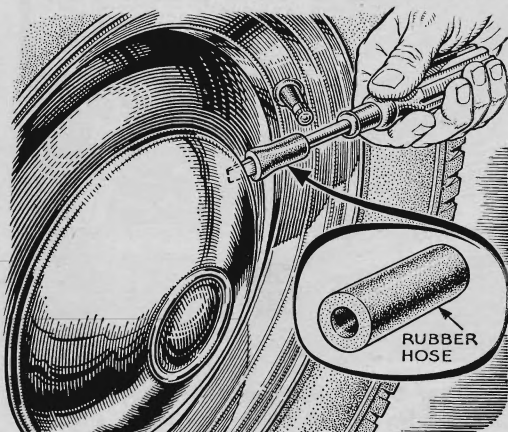




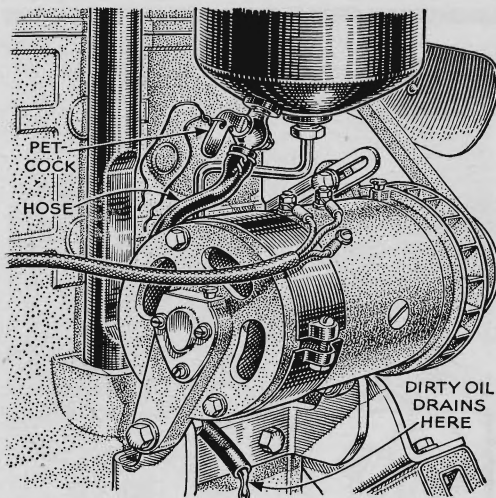
Hints from the Model Garage



Magnet Supports Light. By looping an extension cord around a large horseshoe magnet, you can place a light exactly where you want it while working under a car. It's handy in places where the hook support doesn't spot the light where you need it.



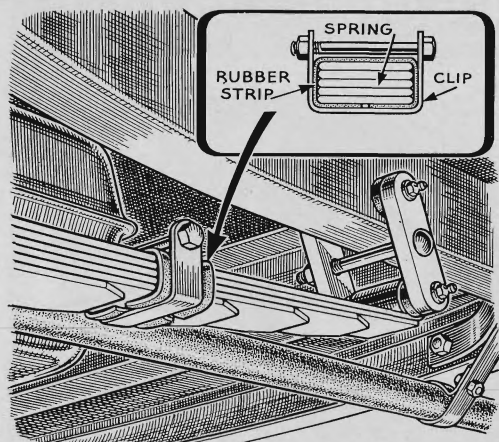
Rubber Prevents Paint Scratches. A short piece of rubber hose slipped over your screwdriver will protect wheel finish when you're removing hub caps. Slip the tip under the cap and slide down the hose as far as possible before you pry.



Hose Drains Oil Filter. Many oil filters have a plug at the base for draining out sludge and dirt. If the drainings would fall on engine accessories below, install a petcock like this and run a synthetic-rubber hose down far enough so the dirty oil will drop clear. Drill a hole in the petcock handle and use a wire to "safety" it.

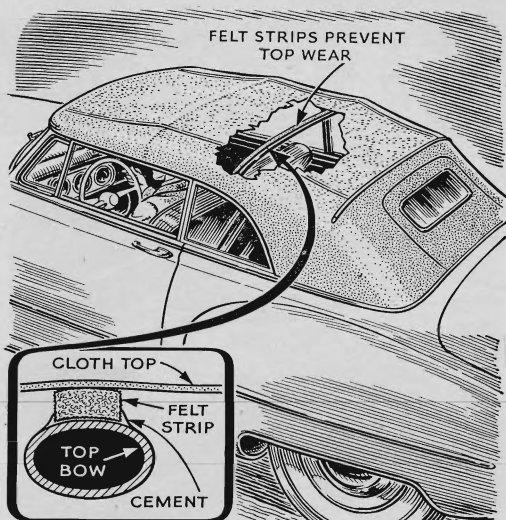


Fire Clears Stubborn Screens. Your oil-pump screen should be cleaned occasionally, even if you must drop the pan specifically for the purpose. If brush and gasoline won't do the job, put a match to the screen, let the sludge burn, and brush away the ash. This won't damage a screen unless it's soldered together.

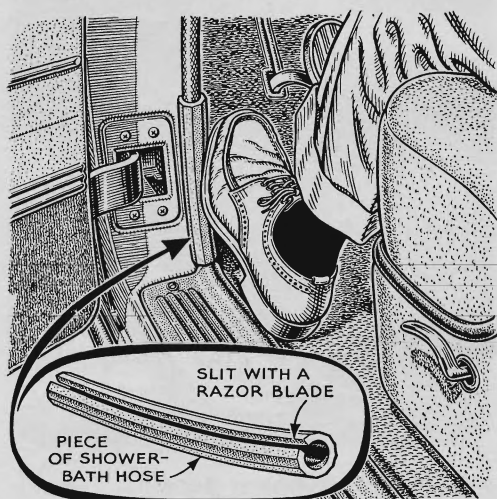


Rubber Stops Spring Squeaks. Strips of inner-tube rubber placed between a spring and its clips will often stop persistent metal-to-metal squeaks.

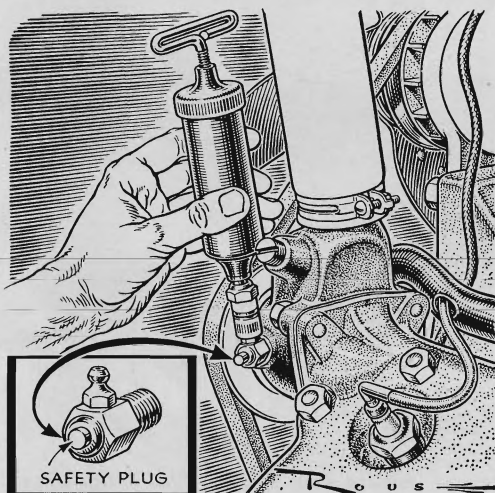
REPAIR TRICKS ARE WORTH MONEY. Anyone who works on a car may discover better methods of making repairs, or new ways of prolonging car life. Have YOU? *Popular Science* will pay for each hint published. Mail to the auto editor.



Felt Saves Convertible Top. At high speeds, a convertible top tends to slap the bows. In time, this may abrade or break the fabric fibers, making it necessary to put on a new top. To prevent such wear, Richard C. Schneeloch, of Tulsa, Okla., suggests cementing strips of felt on top of the bows. The felt will act as a buffer between the top and the metal bows when the fabric slaps down.



Slit Hose Protects Trim. On the interior of a car, one of the first points to show wear is the beaded trim at the doors. To repair such wear, or prevent it, slit a short piece of hose and slip it over the trim. The elasticity of the rubber will keep it in position.



Safety Fitting Protects Pump. On 1933-1936 Ford V8's, grease-gun pressure can damage the water pump. If yours is one of these cars, better take out the regular grease fitting and replace it with a safety fitting like that shown here.